

EEEEEEEEE	DDDDDDDDDD	TTTTTTTTTT
EEEEEEEEE	DDDDDDDDDD	TTTTTTTTTT
EEEEEEEEE	DDDDDDDDDD	TTTTTTTTTT
EEE	DDD	TTT
EEEEEEEEE	DDDDDDDDDD	TTT
EEEEEEEEE	DDDDDDDDDD	TTT
EEEEEEEEE	DDDDDDDDDD	TTT

\*\*FILE\*\* ID\*\*CHMGINSTR

c 11

☆ ☆

CCCCCCCC CCCCCCCC HH HH MM MM MM GGGGGGGG IIIII NN NN SSSSSSSS TTTTTTTT RRRRRRRR  
CCCCCCCC CCCCCCCC HH HH MM MM MM GGGGGGGG IIIII NN NN SSSSSSSS TTTTTTTT RRRRRRRR  
CC CC HH HH MMMM MMMM GG II NN NN SS TT RR RR  
CC CC HH HH MMMM MMMM GG II NN NN SS TT RR RR  
CC CC HH HH MM MM MM GG II NNNN NN SS TT RR RR  
CC CC HH HH MM MM MM GG II NNNN NN SS TT RR RR  
CC CC HHHHHHHHHHHH MM MM GG II NN NN SSSSSS TT RRRRRRRR  
CC CC HHHHHHHHHHHH MM MM GG II NN NN SSSSSS TT RRRRRRRR  
CC CC HH HH MM MM GG GGGGGG II NN NNNN SS TT RR RR  
CC CC HH HH MM MM GG GGGGGG II NN NNNN SS TT RR RR  
CC CC HH HH MM MM GG GG II NN NN SS TT RR RR  
CC CC HH HH MM MM GG GG II NN NN SS TT RR RR  
CCCCCCCC CCCCCCCC HH HH MM MM MM GGGGGG IIIII NN NN SSSSSSSS TT RR RR  
CCCCCCCC CCCCCCCC HH HH MM MM MM GGGGGG IIIII NN NN SSSSSSSS TT RR RR

```
1 0001 0 XTITLE 'EDT$CHMGINSTR - scan an insert command string'
2 0002 0 MODULE EDT$CHMGINSTR (
3 0003 0     IDENT = 'V04-000'           ! Scan an insert command string
4 0004 0     ) =                      ! File: CHMGINSTR.BLI Edit: JBS1004
5 0005 1 BEGIN
6
7 0007 1 ****
8 0008 1 *
9 0009 1 * COPYRIGHT (c) 1978, 1980, 1982, 1984 BY
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26 0026 1 *
27 0027 1 *
28 0028 1 ****
29 0029 1 *
30 0030 1 *
31 0031 1 ++
32 0032 1 FACILITY: EDT -- The DEC Standard Editor
33 0033 1
34 0034 1 ABSTRACT:
35 0035 1
36 0036 1 This module scans over the string of characters to be inserted
37 0037 1 by an insert command.
38 0038 1
39 0039 1 ENVIRONMENT: Runs at any access mode - AST reentrant
40 0040 1
41 0041 1 AUTHOR: Bob Kushlis, CREATION DATE: Unknown
42 0042 1
43 0043 1 MODIFIED BY:
44 0044 1
45 0045 1 1-001 - Original. DJS 04-Feb-1981. This module was created by
46 0046 1 extracting the routine EDT$SCAN_INSSTR from module CHANGE.BLI.
47 0047 1 1-002 - Regularize headers. JBS 02-Mar-1981
48 0048 1 1-003 - Add a return value to indicate end of journal file. JBS 02-Oct-1981
49 0049 1 1-004 - Improve the appearance of the listing. JBS 13-Jun-1983
50 0050 1 --
51 0051 1 --
```

```
53      0052 1 %SBTTL 'Declarations'  
54      0053 1  
55      0054 1 TABLE OF CONTENTS:  
56      0055 1  
57      0056 1  
58      0057 1 REQUIRE 'EDTSRC:TRAROUNAM';  
59      0496 1  
60      0497 1 FORWARD ROUTINE  
61      0498 1     EDT$$SCAN_INSSTR;           ! Scan over the string of characters to be inserted  
62      0499 1  
63      0500 1  
64      0501 1 INCLUDE FILES:  
65      0502 1  
66      0503 1  
67      0504 1 REQUIRE 'EDTSRC:EDTREQ';  
68      0639 1  
69      0640 1  
70      0641 1 MACROS:  
71      0642 1     NONE  
72      0643 1  
73      0644 1  
74      0645 1 EQUATED SYMBOLS:  
75      0646 1     NONE  
76      0647 1  
77      0648 1  
78      0649 1 OWN STORAGE:  
79      0650 1     NONE  
80      0651 1  
81      0652 1  
82      0653 1 EXTERNAL REFERENCES:  
83      0654 1  
84      0655 1     In the routine
```

```
86      0656 1 %SBTTL 'EDT$$SCAN_INSSTR - scan an insert command'
87      0657 1
88      0658 1 GLOBAL ROUTINE EDT$$SCAN_INSSTR           ! Scan an insert command
89      0659 1 =
90      0660 1
91      0661 1 ++
92      0662 1 FUNCTIONAL DESCRIPTION:
93      0663 1
94      0664 1 This routine scans over the string of characters to be inserted by
95      0665 1 an insert command.
96      0666 1
97      0667 1 An insert string is delimited by either a CTRL/Z character, or the printable
98      0668 1 equivalent of ^Z or ^z.
99      0669 1
100     0670 1 The command pointer EDT$$A_CMD_BUF is left pointing one character beyond the command.
101     0671 1
102     0672 1 FORMAL PARAMETERS:
103     0673 1
104     0674 1 NONE
105     0675 1
106     0676 1 IMPLICIT INPUTS:
107     0677 1
108     0678 1     EDT$$A_CMD_END
109     0679 1     EDT$$A_CMD_BUF
110     0680 1
111     0681 1 IMPLICIT OUTPUTS:
112     0682 1
113     0683 1     EDT$$A_CMD_BUF
114     0684 1     EDT$$G_SEA_LEN
115     0685 1
116     0686 1 ROUTINE VALUE:
117     0687 1
118     0688 1     1 = ok, 0 = end of journal file
119     0689 1
120     0690 1 SIDE EFFECTS:
121     0691 1
122     0692 1     NONE
123     0693 1
124     0694 1 --
125     0695 1
126     0696 2 BEGIN
127     0697 2
128     0698 2 EXTERNAL ROUTINE
129     0699 2     EDT$$INS_MOD;           ! Process no-keypad insertion
130     0700 2
131     0701 2 EXTERNAL
132     0702 2     EDT$$A_CMD_END,
133     0703 2     EDT$$A_CMD_BUF,
134     0704 2     EDT$$G_SEA_LEN;       ! End of command pointer
135     0705 2
136     0706 2 LOCAL
137     0707 2     SUCCEED;
138     0708 2
139     0709 2     SUCCEED = 1;
140     0710 2     EDT$$G_SEA_LEN = 0;
141     0711 2
142     0712 2 WHILE 1 DO
```

```

143    0713 3      BEGIN
144    0714 3
145    0715 4      IF CH$PTR_EQL (.EDT$$A_CMD_BUF, .EDT$$A_CMD_END)
146    0716 3      THEN
147    0717 4      BEGIN
148    0718 4      SUCCEED = EDT$$INS_MOD ();
149    0719 4      EXITLOOP;
150    0720 3      END;
151    0721 3
152    0722 4      IF (CH$RCHAR (.EDT$$A_CMD_BUF) EQL ASC_K_CTRL_Z)
153    0723 3      THEN
154    0724 4      BEGIN
155    0725 4      EDT$$A_CMD_BUF = CH$PLUS (.EDT$$A_CMD_BUF, 1);
156    0726 4      EXITLOOP;
157    0727 3      END;
158    0728 3
159    0729 4      IF ((CH$RCHAR (.EDT$$A_CMD_BUF) EQL %C'^') AND !
160    0730 5          ((CH$RCHAR (CH$PTR (.EDT$$A_CMD_BUF, 1)) EQL %C'Z') OR
161    0731 4          (CH$RCHAR (CH$PTR (.EDT$$A_CMD_BUF, 1)) EQL %C'z')))
162    0732 3      THEN
163    0733 4      BEGIN
164    0734 4      EDT$$A_CMD_BUF = CH$PLUS (.EDT$$A_CMD_BUF, 2);
165    0735 4      EXITLOOP;
166    0736 3      END;
167    0737 3
168    0738 3      EDT$$A_CMD_BUF = CH$PLUS (.EDT$$A_CMD_BUF, 1);
169    0739 3      EDT$$G_SEA_LEN = .EDT$$G_SEA_LEN + 1;
170    0740 2      END;
171    0741 2      RETURN (.SUCCEED);
172    0742 2
173    0743 1      END;                                ! of routine EDT$$SCAN_INSSTR

```

.TITLE EDT\$CHMGINSTR EDT\$CHMGINSTR - scan an insert command string

.IDENT \V04-000\

.EXTRN EDT\$\$INS\_MOD, EDT\$\$A\_CMD\_END

.EXTRN EDT\$\$A\_CMD\_BUF, EDT\$\$G\_SEA\_LEN

.PSECT \_EDT\$CODE,NOWRT, SHR, PIC.2

<pre> 53 00000000G 00 000C 000000 52 00000000G 00 9E 00002 50 01 D0 00010 00000000G 00 63 D4 00013 00000000G 00 62 D1 00015 1\$: 00000000G 00 08 12 0001C 00000000G 00 00 FB 0001E 00000000G 00 04 00025 51 62 D0 00026 2\$: 1A 61 91 00029 03 12 0002C 62 D6 0002E 04 00030 51 62 D0 00031 3\$: </pre>	<pre> .ENTRY EDT\$\$SCAN_INSSTR, Save R2,R3 MOVAB EDT\$\$G_SEA_LEN, R3 MOVAB EDT\$\$A_CMD_BUF, R2 MOVL #1, SUCCEED CLRL EDT\$\$G_SEA_LEN CMPL EDT\$\$A_CMD_BUF, EDT\$\$A_CMD_END BNEQ 2\$ CALLS #0, EDT\$\$INS_MOD RET MOVL EDT\$\$A_CMD_BUF, R1 CMPB (R1), #26 BNEQ 3\$ INCL EDT\$\$A_CMD_BUF RET MOVL EDT\$\$A_CMD_BUF, R1 </pre>	0658 0709 0710 0715 0718 0717 0722 0725 0724 0729
---	---	---

EDT\$CHMGINSTR  
V04-000

EDT\$CHMGINSTR - scan an insert command string  
EDT\$\$SCAN\_INSSTR - scan an insert command

H 11

15-Sep-1984 23:58:28  
14-Sep-1984 12:22:32

VAX-11 Bliss-32 V4.0-742  
[EDT.SRC]CHMGINSTR.BLI;1

Page 5  
(3)

5E 8F	61 91 00034	CMPB (R1), #94	
	12 12 00038	BNEQ 5\$	0730
5A 8F	01 A1 91 0003A	CMPB 1(R1), #90	
	07 13 0003F	BEQL 4\$	0731
7A 8F	01 A1 91 00041	CMPB 1(R1), #122	
	04 12 00046	BNEQ 5\$	0734
62	02 C0 00048 4\$:	ADDL2 #2, EDT\$\$A_CMD_BUF	
	04 0004B	RET	0733
	62 D6 0004C 5\$:	INCL EDT\$\$A_CMD_BUF	0738
	63 D6 0004E	INCL EDT\$\$G_SEA_LEN	0739
	C3 11 00050	BRB 1\$	0712

; Routine Size: 82 bytes. Routine Base: \_EDT\$CODE + 0000

: 174 0744 1  
: 175 0745 1 !<BLF/PAGE>

EDT\$CHMGINSTR I 11  
V04-000 EDT\$CHMGINSTR - scan an insert command string 15-Sep-1984 23:58:28 VAX-11 Bliss-32 v4.0-742  
EDT\$SCAN\_INSSTR - scan an insert command 14-Sep-1984 12:22:32 [EDT.SRC]CHMGINSTR.BLI;1 Page (4)  
: 177 0746 1 END  
: 178 0747 1 ! of module EDT\$CHMGINSTR  
: 179 0748 0 ELUDOM

## PSECT SUMMARY

Name	Bytes	Attributes
_EDT\$CODE	82	NOVEC,NOWRT, RD , EXE, SHR, LCL, REL, CON, PIC,ALIGN(2)

## Library Statistics

File	Total	Symbols Loaded	Percent	Pages Mapped	Processing Time
-\$255\$DUA28:[EDT.SRC]EDT.L32;1	377	2	0	40	00:00.2
-\$255\$DUA28:[EDT.SRC]PSECTS.L32;1	2	1	50	7	00:00.1

## COMMAND QUALIFIERS

**BLISS/CHECK=(FIELD,INITIAL,OPTIMIZE)/NOTRACEBACK/LIS=LIS\$:CHMGINSTR/OBJ=OBJ\$:CHMGINSTR MSRC\$:CHMGINSTR.BLI/UPDATE=(ENH\$:CHMGINSTR)**

```
; Size:          82 code + 0 data bytes
; Run Time:      00:10.9
; Elapsed Time:  00:13.3
; Lines/CPU Min: 4136
; Lexemes/CPU-Min: 11878
; Memory Used:  70 pages
; Compilation Complete
```

0131 AH-BT13A-SE  
VAX/VMS V4.0

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CHMFINENT LIS	CHMINIT LIS	CHMINSTAB LIS
CHMGCOUNT LIS	CHMGINSTR LIS	CHMGSTRU LIS
CHMMESS LIS	CHMGBUF LIS	CHMINSCHR LIS
CHMENTTRM LIS	CHMGOIR LIS	CHMINDATE LIS
CHMEXVERB LIS	CHMFINSTR LIS	CHMQLPKPD LIS
CHMENDWRD LIS	CHMGQISTR LIS	CHMINSSTR LIS
CHMEXCOM LIS	CHMKEYRD LIS	